

**State Use Industries  
Maryland House of Correction  
Md. Rt. 175  
Jessup, Md. 20794**

**MDD 077456895**

P  
6.11.99

**Date of inspection: June 10, 1999**

**Introduction:** This facility is listed in the RCRIS database as a large quantity generator of hazardous waste. A RCRA inspection was performed to determine if the facility is a large quantity generator, and if it was in compliance with the hazardous waste regulations.

**Representatives present:**

Chuck Savage, safety officer, State Use Industries

Joe Berner, supervisor, tag shop

Rob Beck, supervisor, sign shop

Frank Hyatt, supervisor, wood shop

P.J. Doug Frantz, inspector, Hazardous Waste Enforcement Div., MDE

**Facility Description:** State Use Industries is an agency within the Department of Corrections which operates manufacturing shops within the Maryland prison system using inmate workers. They manufacture a variety of goods, and also provide services. At Maryland House of Correction, Jessup (MHC), there are shops that manufacture mattresses, uniforms, wood furniture, license plates (tags), and screen-printed signs. Manufactured goods are sold both to government agencies and private companies. The uniform and mattress shops do not generate hazardous waste and were not inspected.

**Hazardous Waste Generation:** Waste generation will be described for each of the three shops which generate hazardous waste; the tag shop, the sign shop, and the wood shop. These shops are located in the same building at MHC.

1. Tag Shop: License plates are produced from galvanized steel coil stock or from aluminum (the "Bay tags"). The coil steel is washed in a detergent bath to prepare it for coating. Wastewater from this wash process is discharged to the sanitary sewer. After passing through the metal straightener and being cut to size, a preprinted paper sheet is applied to the metal. This paper (3M product) has a pressure sensitive adhesive on it for attaching it to the metal plate, and is printed with any graphics that are needed for the particular type of plate. There are hundreds of different designs involved, including about 400 different logos for non-profit and fraternal groups. After this paper is applied, the actual tag number is embossed on the plate, using steel dies. The plate next goes to the ink coating operation, where black coating is applied (roller-applied) to the embossed

numbers/letters. Finally, a clear coat is applied to the entire plate by a dip process. After the black coating and again after the clear coating, the plates pass through a drying oven. Hazardous waste is generated in the black ink coating operation. Ink application equipment must be cleaned periodically. This is done in a small metal cabinet holding 5 gallons of mineral spirits. When the dirty mineral spirits is replaced, the used material added to an accumulation drum in the hazardous waste storage area. The shop produces about 100,000 sets of tags per month, and employs about 61 people. Waste generation is estimated to be about 8 55-gallon drums per year.

2. Sign Shop: This shop produces screen-printed signs for government and private industry. Hazardous waste is generated by the cleaning of the screens using an acetone/xylene mix. Spent solvent is accumulated in a 55-gallon drum in the shop (satellite accumulation). When full, the drum is moved to a storage area with secondary containment that is shared with the tag shop. Waste generation is estimated at 8 55-gallon drums per year.

3. Wood Shop: This shop produces wooden furniture, and includes two finishing rooms where stains and lacquer are applied in spray booths. At each finishing room, spent solvent from cleaning of spray equipment is accumulated in a 55-gallon satellite accumulation drum. Solvent-containing glue is used in furniture assembly, but the only waste generated is hardened residue in drum liners, which is disposed as general trash. When satellite accumulation drums are full in the finishing rooms, the drum is removed to a storage area outside the building in the lumber storage shed. This area is covered by a roof, but open on one side. Lacquer thinner is used as clean-up solvent, as well as a non-flammable wash thinner for clean up of the water-borne finishes. Both types of spent solvent are accumulated in the same drum. There were five drums of waste in the outside storage area. Waste generation estimated at 8 to 10 drums per year. The wood shop employs about 168 people.

#### **Hazardous Waste Management:**

**Satellite storage areas:** No satellite storage in the tag shop, waste is removed from the cleaning tank directly to the hazardous waste storage area. The sign shop has a satellite storage drum for waste acetone/xylene solvent. In the wood shop, there are 55-gallon drums for satellite accumulation in each of the two finishing rooms.

**90-day storage areas:** In the tag shop, drums of waste are stored in a locked cage area, which has a concrete curb, which serves as secondary containment. There is a sign on the wall indicating hazardous waste storage. Wastes from the tag shop and sign shop are stored here. One partial drum of waste from the tag shop was in the storage area.

The wood shop stores hazardous waste in an outdoor shed, under a roof. Five full drums of waste were in storage, but were not labeled and were not stored in secondary containment.

**Violations:** A Site Complaint (SC-99-031) was issued for violations of the hazardous waste regulations at the wood shop. Waste was being stored without secondary containment and without labels. Mr. Savage and Mr. Hyatt indicated that they would immediately begin working on correcting these violations. Once the violations are corrected, I will make a follow-up inspection.

**Other notes:** Although listed as a large quantity generator of hazardous waste, it does not appear that the SUI shops at MHC generate more than 1000 Kg (2200 lbs.) in any one month. Actual generation rate is probably between 100 and 1000 Kg per month (SQG).



DEPARTMENT OF THE ENVIRONMENT  
~~HAZARDOUS AND SOLID WASTE MANAGEMENT ADMINISTRATION~~  
ENFORCEMENT PROGRAM  
2500 BROENING HIGHWAY  
BALTIMORE, MARYLAND 21224  
(410) 631-~~3366~~ 3400

SITE COMPLAINT

NUMBER DATE  
SC-O- 99-031 6/10/99

% Chuck Savage

1. Name of violator: State Use Industries - Md. House of Correction  
Address: Wood Shop -  
County: Anne Arundel Phone:

2. Violation Type (with reference to the Annotated Code of Maryland)

- ☐ Water Pollution Control and Abatement (Environment Article, Sections 9-301 through 9-344)  
☐ Oil Control (Environment Article, Sections 4-401 through 4-418)  
☒ Controlled Hazardous Substances (Environment Article, Sections 7-201 through 7-268)  
☐ Landfills and Sludge Disposal (Environment Article, Section 9-204)  
☐ Other

3. Specifically: five 55 gallon drums of ignitable waste  
stored ~~with~~ without secondary containment and  
without labels. Located at the SUI wood shop.  
Waste is spent solvent from finishing operations in  
furniture building shop.

4. You are hereby advised the following corrective actions are necessary. Compliance with the corrective actions contained herein does not preclude the Department from imposing further requirements. In addition, the Department reserves the right to impose sanctions or penalties for the underlying violation(s).

Provide secondary containment for waste storage  
and label all waste drums as hazardous waste.

5. The above described violation(s) may result in the Department seeking legal sanctions against you, including the imposition of civil and/or criminal penalties. Continuation of the violation(s) or failure to take the corrective actions described above may result in additional sanctions or penalties.

6. "I hereby acknowledge receipt of this Site Complaint by my signature, which is not an admission of guilt".

Person issued to: Chuck Savage

Title: Asst. Dir.

Authorized by: Jane T. Nishida  
Secretary  
Department of the Environment

Issued by: Douglas E. Frantz  
Inspector

Phone: 410-631-3400

United States Environmental Protection Agency  
Washington, DC 20460  
**Notification of Hazardous Waste Activity**Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).**For Official Use Only**

Comments

C  
C

Installation's EPA ID Number

Approved

Date Received  
(yr. mo. day)

003

C  
F

MD 077456895

T/A C  
1

880513

Anne Arundel

**I. Name of Installation**

SUI-MD HOUSE OF CORRECTION - TAG SHOP

**II. Installation Mailing Address**

Street or P.O. Box

C  
3

ROUTE 175

City or Town

State

ZIP Code

C  
4

JESSUP MARYLAND

MD 20794

**III. Location of Installation**

Street or Route Number

C  
5

SAME

City or Town

State

ZIP Code

C  
6**IV. Installation Contact**

Name and Title (last, first, and job title)

Phone Number (area code and number)

C  
2

SAVAGE CHUCK

SAFETY OFFICER

301 333 4325

**V. Ownership**

A. Name of Installation's Legal Owner

B. Type of Ownership (enter code)

C  
R

DIVISION OF CORRECTION

S

**VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)****A. Hazardous Waste Activity****B. Used Oil Fuel Activities**

- ☒ 1a. Generator ☐ 1b. Less than 1,000 kg/mo.  
☐ 2. Transporter  
☐ 3. Treater/Storer/Disposer  
☐ 4. Underground Injection  
☐ 5. Market or Burn Hazardous Waste Fuel  
(enter 'X' and mark appropriate boxes below)  
☐ a. Generator Marketing to Burner  
☐ b. Other Marketer  
☐ c. Burner

- ☐ 6. Off-Specification Used Oil Fuel  
(enter 'X' and mark appropriate boxes below)  
☐ a. Generator Marketing to Burner  
☐ b. Other Marketer  
☐ c. Burner  
☐ 7. Specification Used Oil Fuel Marketer (or On site Burner)  
Who First Claims the Oil Meets the Specification

**VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)**☐ A. Utility Boiler☐ B. Industrial Boiler☐ C. Industrial Furnace**VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es))**☐ A. Air ☐ B. Rail ☒ C. Highway ☐ D. Water ☐ E. Other (specify)**IX. First or Subsequent Notification**

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☒ A. First Notification☐ B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number

ID — For Official Use Only													
C												T/A	C
W													1

# X. Description of Hazardous Wastes (continued from front)

**A. Hazardous Wastes from Nonspecific Sources.** Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F003	F005	F019			
7	8	9	10	11	12

**B. Hazardous Wastes from Specific Sources.** Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

**C. Commercial Chemical Product Hazardous Wastes.** Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
U031	U220	U032	U144		
37	38	39	40	41	42
43	44	45	46	47	48

**D. Listed Infectious Wastes.** Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

**E. Characteristics of Nonlisted Hazardous Wastes.** Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 — 261.24)

☒ 1. Ignitable  
(D001)

☐ 2. Corrosive  
(D002)

☐ 3. Reactive  
(D003)

☐ 4. Toxic  
(D000)

# XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature	Name and Official Title (type or print)	Date Signed
Chuck Savage	SAFETY OFFICER	4/28/88

RECEIVED

APR 29 1988

Hazardous Waste Division



ACKNOWLEDGEMENT OF NOTIFICATION  
OF HAZARDOUS WASTE ACTIVITY  
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

+

MDD077455335

INSTALLATION ADDRESS

SAVAGE, CHUCK SAFETY OFFICER  
SUI-MD HOUSE OF CORRECTION TAG SHOP  
ROUTE 175  
JESSUP MD 20794

ROUTE 175  
JESSUP MD 20794

*made print at one time*